

AMENDMENTS TO THE CLAIMS

1.(currently amended): A relay system relaying between two or more networks to which one or more communication devices are connected, comprising:

two or more interface units accessing said networks;

a domain definition ~~module~~ table defining domains as a system framework including one or more networks;

an inter domain connection definition ~~module~~ table defining [[a]] connectability between [[the]] two or more domains:

a routing module storing a routing destination of [[the]] communication data;

an address translation module for translating, when forwarding communication data from a first domain to a second domain, a first address belonging to the first domain contained in a source address field of the communication data into a second address being an address of the relay system belonging to as recognized in the second domain;

an address reverse translation module for translating, when receiving communication data having the second address in a destination address field, the second address ~~belonging to the second domain contained in the destination address field of the communication data~~ into the first address belonging to the first domain; and

~~a control unit~~ an inter domain connection judging module controlling [[a]] connectability for routing between the two or more domains in accordance with definitions of said inter domain connection definition ~~module~~ table.

2.(currently amended): A relay system according to claim 1, wherein said domain definition ~~module~~ table defines [[the]] each domain by information for identifying [[said]] an

interface unit connected to ~~[[this]]~~ a domain.

3.(currently amended): A relay system according to claim 1, wherein said ~~control unit~~ inter domain connection judging module discards ~~such a piece of~~ communication data ~~that the~~ when a domain (or said interface unit receiving the communication data) corresponding to said an interface unit receiving the communication data, is different from ~~[[the]]~~ a domain (or said interface unit corresponding to the domain to which a source address of the communication data belongs) to which the source address of the communication data belongs.

4.(currently amended): A relay system according to claim 1, wherein said domain definition ~~module~~ table is defined per domain by an address (or an address for identifying the communication device connected to the network included in the domain) for identifying a network included in the domain.

5.(currently amended): A communication data relay method for relaying between two or more networks to which one or more communication devices are connected, comprising:

referring to a domain definition ~~module~~ table defining domains as a system framework including one or more networks;

referring to an inter domain connection definition ~~module~~ table for defining ~~[[a]]~~ connectability between ~~[[the]]~~ two or more domains;

referring to a routing module storing a routing destination of the communication data;

translating, when forwarding communication data from a first domain to a second domain, a first address belonging to the first domain contained in a source address field of the communication data into a second address being an address of the relay system belonging to as recognized in the second domain;

reverse translating, when receiving communication data having the second address in a destination address field, the second address ~~belonging to the second domain contained in the destination address field of the communication data~~ into the first address belonging to the first domain; and

controlling ~~[[a]]~~ connectability for routing between the two or more domains in accordance with definitions of said inter domain connection definition module table.

6.(new) A relay system according to claim 1, wherein said inter domain connection judging module discards communication data when an interface unit receiving the communication data, is different from an interface unit corresponding to the domain to which a source address of the communication data belongs.

7 (new): A relay system according to claim 1, wherein said domain definition table is defined per domain by an address for identifying the communication device connected to the network included in the domain.

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